

## FEATURES

- Ideal for joining metal sheets and parts together
- Neat and tidy final finish
- Steel
- Recyclable
- Available in a wide range of sizes and drive types

# RS PRO Flat Socket Cap Screw

RS Stock No.: See Table Below



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Introducing the range of RS PRO Flat Socket Cap Machine Screws, a high-quality, compact fastener solution for applications where a flush finish is required when joining two surfaces together. Each fastener is made from steel, making them much more cost-effective than their stainless-steel counterparts, while offering a high level of protection against surface rust and oxidation.

Applications:

- Carpentry construction like decking, railings and small frames
- Metalwork and metal framing
- Building work and construction
- DIY

## General Specifications

RS Stock Number	Approvals	Finish	Head Shape	Material	Length Imperial	System of Measurement	Thread Size	Stainless Steel Type
2451561	ASME B18.8.1	Plain	Flat	Steel	3/8	Imperial	1/4-28 x 3/8	Mild Steel
2451562	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	1/4-28 x 1/2	Mild Steel
2451563	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	1/4-28 x 3/4	Mild Steel
2451564	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	1/4-28 x 1	Mild Steel
2451565	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	1/4-28 x 1 1/4	Mild Steel
2451566	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	1/4-28 x 1 1/2	Mild Steel
2451568	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	5/16-24 x 1/2	Mild Steel
2451569	ASME B18.8.1	Plain	Flat	Steel		Imperial	5/16-24 x 5/8	Mild Steel
2451570	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	5/16-24 x 3/4	Mild Steel
2451571	ASME B18.8.1	Plain	Flat	Steel		Imperial	5/16-24 x 1	Mild Steel
2451572	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	5/16-24 x 1 1/4	Mild Steel
2451574	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	5/16-24 x 2	Mild Steel
2451575	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	3/8-24 x 5/8	Mild Steel

2451576	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	3/8-24 x 3/4	Mild Steel
2451577	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	3/8-24 x 1	Mild Steel
2451578	ASME B18.8.1	Plain	Flat	Steel		Imperial	3/8-24 x 1 1/2	Mild Steel
2451579	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	1/2-20 x 3/4	Mild Steel
2451580	ASME B18.8.1	Plain	Flat	Steel		Imperial	1/2-20 x 1	Mild Steel
2451581	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	1/2-20 x 1 1/2	Mild Steel
2451582	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	1/2-20 x 1 3/4	Mild Steel
2451583	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	1/2-20 x 2	Mild Steel
2451584	ASME B18.8.1	Plain	Flat	Steel	1/4	Imperial	10/32 x 1/4	Mild Steel
2451585	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	10/32 x 1/2	Mild Steel
2451586	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	10/32 x 5/8	Mild Steel
2451587	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	10/32 x 3/4	Mild Steel
2451588	ASME B18.8.1	Plain	Flat	Steel	7/8	Imperial	10/32 x 7/8	Mild Steel
2451590	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	10/32 x 1 1/4	Mild Steel
2451591	ASME B18.8.1	Plain	Flat	Steel	3/8	Imperial	1/4-20 x 3/8	Mild Steel
2451592	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	1/4-20 x 1/2	Mild Steel
2451593	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	1/4-20 x 5/8	Mild Steel
2451594	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	1/4-20 x 3/4	Mild Steel
2451596	ASME B18.8.1	Plain	Flat	Steel		Imperial	1/4-20 x 1 1/4	Mild Steel
2451597	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	1/4-20 x 1 3/4	Mild Steel
2451598	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	1/4-20 x 2	Mild Steel
2451599	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	5/16-18 x 1/2	Mild Steel
2451600	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	5/16-18 x 5/8	Mild Steel
2451601	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	5/16-18 x 3/4	Mild Steel
2451603	ASME B18.8.1	Plain	Flat	Steel	7/8	Imperial	5/16-18 x 7/8	Mild Steel
2451604	ASME B18.8.1	Plain	Flat	Steel		Imperial	5/16-18 x 1 1/4	Mild Steel
2451605	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	5/16-18 x 1 1/2	Mild Steel

# Machine Screws



2451606	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	5/16-18 x 1 3/4	Mild Steel
2451607	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	5/16-18 x 2	Mild Steel
2451608	ASME B18.8.1	Plain	Flat	Steel	2 1/4	Imperial	5/16-18 x 2 1/4	Mild Steel
2451609	ASME B18.8.1	Plain	Flat	Steel	2 1/2	Imperial	5/16-18 x 2 1/2	Mild Steel
2451610	ASME B18.8.1	Plain	Flat	Steel	3	Imperial	5/16-18 x 3	Mild Steel
2451611	ASME B18.8.1	Plain	Flat	Steel	3 1/2	Imperial	5/16-18 x 3 1/2	Mild Steel
2451612	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	3/8-16 x 1/2	Mild Steel
2451613	ASME B18.8.1	Plain	Flat	Steel		Imperial	3/8-16 x 3/4	Mild Steel
2451614	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	3/8-16 x 1 1/4	Mild Steel
2451615	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	3/8-16 x 1 1/2	Mild Steel
2451616	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	3/8-16 x 1 3/4	Mild Steel
2451617	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	3/8-16 x 2	Mild Steel
2451619	ASME B18.8.1	Plain	Flat	Steel	2 1/4	Imperial	3/8-16 x 2 1/4	Mild Steel
2451620	ASME B18.8.1	Plain	Flat	Steel		Imperial	3/8-16 x 2 1/2	Mild Steel
2451621	ASME B18.8.1	Plain	Flat	Steel	3	Imperial	3/8-16 x 3	Mild Steel
2451622	ASME B18.8.1	Plain	Flat	Steel	3 1/2	Imperial	3/8-16 x 3 1/2	Mild Steel
2451623	ASME B18.8.1	Plain	Flat	Steel	1/4	Imperial	4/40 x 1/4	Mild Steel
2451625	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	4/40 x 1/2	Mild Steel
2451626	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	7/16-14 x 3/4	Mild Steel
2451627	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	7/16-14 x 1	Mild Steel
2451628	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	7/16-14 x 1 1/4	Mild Steel
2451629	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	7/16-14 x 1 1/2	Mild Steel
2451631	ASME B18.8.1	Plain	Flat	Steel		Imperial	7/16-14 x 1 3/4	Mild Steel
2451632	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	7/16-14 x 2	Mild Steel
2451633	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	1/2-13 x 3/4	Mild Steel
2451634	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	1/2-13 x 1	Mild Steel
2451635	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	1/2-13 x 1 1/4	Mild Steel

2451636	ASME B18.8.1	Plain	Socket	Steel	1 1/2	Imperial	1/2-13 x 1 1/2	Mild Steel
2451637	ASME B18.8.1	Plain	Flat	Steel		Imperial	1/2-13 x 2	Mild Steel
2451638	ASME B18.8.1	Plain	Flat	Steel	2 1/2	Imperial	1/2-13 x 2 1/2	Mild Steel
2451639	ASME B18.8.1	Plain	Flat	Steel		Imperial	1/2-13 x 3	Mild Steel
2451640	ASME B18.8.1	Plain	Flat	Steel		Imperial	5/40 x 3/8	Mild Steel
2451641	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	5/40 x 5/8	Mild Steel
2451642	ASME B18.8.1	Plain	Flat	Steel	3/4	Imperial	5/40 x 3/4	Mild Steel
2451643	ASME B18.8.1	Plain	Flat	Steel	1/4	Imperial	6/32 x 1/4	Mild Steel
2451644	ASME B18.8.1	Plain	Flat	Steel	3/8	Imperial	6/32 x 3/8	Mild Steel
2451645	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	6/32 x 5/8	Mild Steel
2451647	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	6/32 x 1	Mild Steel
2451648	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	5/8-11 x 1	Mild Steel
2451649	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	5/8-11 x 1 1/4	Mild Steel
2451650	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	5/8-11 x 1 1/2	Mild Steel
2451651	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	5/8-11 x 1 3/4	Mild Steel
2451653	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	5/8-11 x 2	Mild Steel
2451654	ASME B18.8.1	Plain	Flat	Steel	2 3/4	Imperial	5/8-11 x 2 3/4	Mild Steel
2451655	ASME B18.8.1	Plain	Flat	Steel	4	Imperial	5/8-11 x 4	Mild Steel
2451656	ASME B18.8.1	Plain	Flat	Steel	5	Imperial	5/8-11 x 5	Mild Steel
2451657	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	3/4-10 x 1 1/4	Mild Steel
2451658	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	3/4-10 x 1 1/2	Mild Steel
2451659	ASME B18.8.1	Plain	Flat	Steel	1 3/4	Imperial	3/4-10 x 1 3/4	Mild Steel
2451660	ASME B18.8.1	Plain	Flat	Steel	2	Imperial	3/4-10 x 2	Mild Steel
2451661	ASME B18.8.1	Plain	Flat	Steel	2 1/2	Imperial	3/4-10 x 2 1/2	Mild Steel
2451662	ASME B18.8.1	Plain	Flat	Steel	3 1/2	Imperial	3/4-10 x 3 1/2	Mild Steel
2451663	ASME B18.8.1	Plain	Flat	Steel	4	Imperial	3/4-10 x 4	Mild Steel
2451664	ASME B18.8.1	Plain	Flat	Steel	5	Imperial	3/4-10 x 5	Mild Steel
2451665	ASME B18.8.1	Plain	Flat	Steel	3/8	Imperial	8/32 x 3/8	Mild Steel

2451666	ASME B18.8.1	Plain	Flat	Steel	1/2	Imperial	8/32 x 1/2	Mild Steel
2451667	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	8/32 x 1 1/4	Mild Steel
2451669	ASME B18.8.1	Plain	Flat	Steel	3/8	Imperial	10/24 x 3/8	Mild Steel
2451670	ASME B18.8.1	Plain	Flat	Steel	5/8	Imperial	10/24 x 5/8	Mild Steel
2451671	ASME B18.8.1	Plain	Flat	Steel	7/8	Imperial	10/24 x 7/8	Mild Steel
2451672	ASME B18.8.1	Plain	Flat	Steel	1	Imperial	10/24 x 1	Mild Steel
2451673	ASME B18.8.1	Plain	Flat	Steel	1 1/4	Imperial	10/24 x 1 1/4	Mild Steel
2451675	ASME B18.8.1	Plain	Flat	Steel	1 1/2	Imperial	10/24 x 1 1/2	Mild Steel
2450866	ASME B18.8.1	Plain	Flat	Steel			1/4-28 X 5/8	
2450868	ASME B18.8.1	Plain	Flat	Steel			5/16-24 X 1 1/2	
2450869	ASME B18.8.1	Plain	Flat	Steel			3/8-24 X 1 1/4	
2450870	ASME B18.8.1	Plain	Flat	Steel			3/8-24 X 1 3/4	
2450871	ASME B18.8.1	Plain	Flat	Steel			1/2-20 X 1 1/4	
2450872	ASME B18.8.1	Plain	Flat	Steel	3/8		10/32 X 3/8	
2450874	ASME B18.8.1	Plain	Flat	Steel	1		10/32 X 1	
2450875	ASME B18.8.1	Plain	Flat	Steel	1 1/2		10/32 X 1 1/2	
2450876	ASME B18.8.1	Plain	Flat	Steel	2		10/32 X 2	
2450877	ASME B18.8.1	Plain	Flat	Steel			1/4-20 X 1	
2450878	ASME B18.8.1	Plain	Flat	Steel			1/4-20 X 1 1/2	
2450879	ASME B18.8.1	Plain	Flat	Steel			5/16-18 X 1	
2450880	ASME B18.8.1	Plain	Flat	Steel			3/8-16 X 5/8	
2450881	ASME B18.8.1	Plain	Flat	Steel			3/8-16 X 1	
2450882	ASME B18.8.1	Plain	Flat	Steel			3/8-16 X 4	
2450883	ASME B18.8.1	Plain	Flat	Steel	3/8		4/40 x 3/8	
2450884	ASME B18.8.1	Plain	Flat	Steel	5/8		4/40 X 5/8	
2450885	ASME B18.8.1	Plain	Flat	Steel	3/4		4/40 x 3/4	
2450886	ASME B18.8.1	Plain	Flat	Steel			1/2-13 X 1 1/4	
2450887	ASME B18.8.1	Plain	Flat	Steel			1/2-13 X 2 1/4	

2450888	ASME B18.8.1	Plain	Flat	Steel			1/2-13 X 2 3/4	
2450890	ASME B18.8.1	Plain	Flat	Steel			1/2-13 X 3 1/2	
2450891	ASME B18.8.1	Plain	Flat	Steel			1/2-13 X 4	
2450892	ASME B18.8.1	Plain	Flat	Steel			5/40 X 1/2	
2450893	ASME B18.8.1	Plain	Flat	Steel	1/2		6/32 X 1/2	
2450894	ASME B18.8.1	Plain	Flat	Steel	3/4		6/32 X 3/4	
2450895	ASME B18.8.1	Plain	Flat	Steel			5/8-11 X 2 1/4	
2450896	ASME B18.8.1	Plain	Flat	Steel			5/8-11 X 2 1/2	
2450897	ASME B18.8.1	Plain	Flat	Steel			5/8-11 X 3	
2450898	ASME B18.8.1	Plain	Flat	Steel			5/8-11 X 3 1/2	
2450899	ASME B18.8.1	Plain	Flat	Steel			3/4-10 X 2 1/4	
2450900	ASME B18.8.1	Plain	Flat	Steel			3/4-10 X 3	
2450901	ASME B18.8.1	Plain	Flat	Steel	5/8		8/32 X 5/8	
2450903	ASME B18.8.1	Plain	Flat	Steel	3/4		8/32 X 3/4	
2450904	ASME B18.8.1	Plain	Flat	Steel	1		8/32 X 1	
2450905	ASME B18.8.1	Plain	Flat	Steel	1/2		10/24 X 1/2	
2450906	ASME B18.8.1	Plain	Flat	Steel	3/4		10/24 X 3/4	
2450907	ASME B18.8.1	Plain	Flat	Steel	2		10/24 X 2	

## Classification

eCI@ss Version	
UNSPSC Version	